WHAT IS CLAIMED IS:

1  1. A method of allocating a plurality of data frames amongst a plurality of basestations,
2     said plurality of data frames spanning an interval of time, said method comprising:

3        for each of said plurality of basestations allocating a sub-set of said plurality of data
4        frames, said sub-set being contiguous in time within said interval of time.

1  2. The method of claim 1 wherein each of said plurality of basestations operates using the
2     same carrier frequency.

1  3. The method of claim 2 wherein said data frames are timeslots in a Time Division
2     Multiple Access (TDMA) wireless network.

1  4. The method of claim 1 wherein said plurality of basestations form part of a TDMA
2     wireless network employing at least one of the Enhanced Data rates for Global
3     Evolution (EDGE) and EDGE Compact standards.

1  5. The method of claim 1 further comprising:

2        wherein said each of said plurality of basestations operates using a plurality of
3        frequencies, allocating to each of said plurality of basestations a sub-set of said
4        plurality of data frames for each of said plurality of frequencies used by a
5        basestation, said sub-set of said plurality of data frames being contiguous in time
6        within said interval of time.

1  6. A method of allocating a bitmap of resources in a wireless network amongst a plurality
2     of co-channel basestations, said bitmap formed by a group of data frames, said method
3     comprising:

4        dividing said bitmap of resources into sub-bitmaps, each of said sub-bitmaps formed

5        by a contiguous portion of said group of data frames, each of said sub-bitmaps not

6        overlapping in time with any other of said sub-bitmaps; and

7        allocating at least one of said sub-bitmaps to each of said plurality of co-channel

8        basestations.

1    7.   The method of claim 6 further comprising:

2        prior to said dividing, forming the size of each of said sub-bitmaps responsive to at

3        least one of: service loads for each of said plurality of co-channel basestations

4        during at least one previously allocated bitmap; and service demands for each of

5        said plurality of co-channel basestations during at least one previously allocated

6        bitmap.

1    8.   A basestation in a wireless cell, said basestation comprising:

2        a processing circuit in communication with memory storing computer readable

3        instructions, said computer readable instructions adapting said processing circuit

4        to:

5            receive instructions indicating a time period during which said basestation

6            may communicate with mobilestations to be serviced by said basestation,

7            said time period defined by a contiguous set of data frames; and

8            transmit to each of said mobilestations to be serviced by said basestation

9            data identifying a portion of time during which a mobilestation may

10          communicate with said basestation; and

11          communicate with said mobilestations during said time period.

1   9. The basestation of claim **8** wherein said instructions indicating a time period during
2      which said basestation may communicate are defined by a group of timeslots, said
3      group of timeslots defining a sub-bitmap.

1   10. The basestation of claim **9** wherein said processing circuit is further adapted to:

2      receive instructions defining a plurality of sub-bitmaps; and

3      allocate each of said plurality of sub-bitmaps to a sector serviced by said
4      basestation.

1   11. A method of allocating wireless network resources amongst a plurality of basestations,
2      said wireless network resources comprising a group of data frames, said method
3      comprising:

4      receiving requests for wireless network resources from said plurality of basestations;

5      responsive to said requests, assigning to each of said plurality of basestations a
6      portion of said wireless resources, said portion comprising a group of said data
7      frames, said group of said frames being contiguous in time.

1   12. A method for coordinating operation of a plurality of basestations, each of said
2      basestations operating with the same carrier frequency, said method comprising:

3      for a given time period, allocating a contiguous portion of said given time period to
4      each of said plurality of basestations; and

5        transmitting to each of said plurality basestations data identifying said contiguous

6        portion of said given time period allocated to a basestation.

1    13. The method of claim 12 further comprising:

2        prior to said allocating, determining the service load for at least some of said

3        plurality of basestations; and

4        wherein the size of said contiguous portions assigned to said each of said plurality

5        of basestations is proportional to said service loads determined.

1    14. A computer readable medium operable to provide instructions for directing a processor

2       circuit to allocate a bitmap of resources in a wireless network amongst a plurality of co-

3       channel basestations, said bitmap formed by a group of data frames, said instructions

4       directing said processing circuit to:

5       divide said bitmap of resources into sub-bitmaps, each of said sub-bitmaps formed

6       by a contiguous portion of said group of data frames, each of said sub-bitmaps not

7       overlapping in time with any other of said sub-bitmaps; and

8       allocating at least one of said sub-bitmaps to each of said plurality of co-channel

9       basestations.

1    15. The computer readable medium of claim 14 further adapting said processing circuit to:

2       form the size of each of said sub-bitmaps responsive to at least one of: service loads

3       for each of said plurality of co-channel basestations during at least one previously

4       allocated bitmap; and service demands for each of said plurality of co-channel

5       basestations during at least one previously allocated bitmap.